

Top 20 Chemicals with Largest Total On-site and Off-site Releases, Coal Mining (SIC Code 12), 1999

CAS Number		Chemical	On-site Releases							Off-site Releases	Total On- and Off-site Releases
			Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds		
					Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On- site Land Releases Pounds			
										Transfers Off-site to Disposal Pounds	
--	Barium compounds	436	144	0	82,400	0	5,638,016	5,720,996	0	5,720,996	
--	Manganese compounds	642	49,389	0	50,500	0	1,590,560	1,691,091	0	1,691,091	
7429-90-5	Aluminum (fume or dust)	1,013,539	0	0	0	0	0	1,013,539	0	1,013,539	
--	Zinc compounds	38	27	0	10,800	0	998,549	1,009,414	0	1,009,414	
7664-41-7	Ammonia	588,058	184,811	0	0	0	179,901	952,770	0	952,770	
--	Copper compounds	12	5	0	0	0	288,155	288,172	0	288,172	
--	Lead compounds	10	15	0	0	0	241,150	241,175	0	241,175	
--	Chromium compounds	23	5	0	0	0	175,822	175,850	0	175,850	
--	Nickel compounds	19	5	0	0	0	139,840	139,864	0	139,864	
--	Arsenic compounds	0	864	0	0	0	120,914	121,778	0	121,778	
7723-14-0	Phosphorus (yellow or white)	75,121	0	0	0	0	0	75,121	0	75,121	
--	Cobalt compounds	0	0	0	0	0	64,080	64,080	0	64,080	
7440-39-3	Barium	27,425	0	0	0	0	12,908	40,333	0	40,333	
--	Beryllium compounds	0	0	0	0	0	39,224	39,224	0	39,224	
--	Selenium compounds	0	0	0	0	0	34,453	34,453	0	34,453	
--	Nitrate compounds	0	0	0	0	0	31,460	31,460	0	31,460	
7664-93-9	Sulfuric acid	26,200	0	0	0	0	0	26,200	0	26,200	
--	Thallium compounds	0	0	0	0	0	26,056	26,056	0	26,056	
7647-01-0	Hydrochloric acid	25,885	0	0	0	0	0	25,885	0	25,885	
71-36-3	n-Butyl alcohol	12,500	0	0	0	0	1,400	13,900	0	13,900	
	Subtotal	1,769,908	235,265	0	143,700	0	9,582,488	11,731,361	0	11,731,361	
	Total*	1,771,548	235,267	0	143,700	0	9,608,323	11,758,838	0	11,758,838	

Note: On-site Releases are from Section 5 of Form R. Off-site Releases are from Section 6 (transfers off-site to disposal) of Form R. Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. Off-site Releases do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

* Total for Coal Mining (SIC Code 12)